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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Dated: February 27, 2003

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J. RICHARD SPORTSMAN, and EWALD A. TERPETSCHNIG

Serial No. : 09/844,655

Examiner Gailene Gabel

Filed : April 27, 2001

Group Art Unit 1641

For : MOLECULAR MODIFICATION ASSAYS

U.S. Patent and Trademark Office  
Attention: Gailene Gabel  
Group Art Unit 1641  
Washington, D.C. 20231

Sir:

**SUPPLEMENTAL AMENDMENT**

Please amend the above-identified patent application, as follows, prior to examination on the merits:

In the claims:

Please cancel claims 1-26 without prejudice.

Please add new claims 94-115, as follows:

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94. (New claim) A method of detecting the activity of an enzyme that operates on a substrate to form a product in a sample, comprising:

contacting the substrate with the enzyme;

contacting the substrate or any product produced by operation of the enzyme with a binding partner that specifically binds to the substrate or to the product but not to both, wherein the binding partner includes gallium that is required for binding between the binding partner and the substrate or product;

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